



SEQUENCE LISTING

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<120> NOVEL PROPERTY EFFECTING AND/OR PROPERTY EXHIBITING
COMPOSITIONS FOR THERAPEUTIC AND DIAGNOSTIC USE

<130> ENZ-53(D3)

<140> 08/978,636
<141> 1997-11-25

<150> 08/574,443
<151> 1995-12-15

<160> 63

<170> PatentIn Ver. 3.2

<210> 1
<211> 20
<212> PRT
<213> Influenza B virus

<400> 1
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1 5 10 15

Met Ile Ala Gly
20

<210> 2
<211> 20
<212> DNA
<213> Bacteriophage T7

<400> 2
tgctctctaa gggctactc 20

<210> 3
<211> 15
<212> DNA
<213> Simian virus 40

<400> 3
ctctaaggta aatat

15

<210> 4
<211> 16
<212> DNA
<213> Simian virus 40

<400> 4
tgtatTTtag attcaa

16

<210> 5
<211> 19
<212> DNA
<213> Simian virus 40

<400> 5
tgctctctaa ggtAAATAT

19

<210> 6
<211> 19
<212> DNA
<213> Simian virus 40

<400> 6
tgtatTTtag ggtCTACTC

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<210> 7
<211> 19
<212> RNA
<213> Bacteriophage T7

<400> 7
ugcucucuaa gguaAAauau

19

<210> 8
<211> 19
<212> RNA
<213> Bacteriophage T7

<400> 8
uguAUUUUAG ggucuACUC

19

<210> 9
<211> 20
<212> RNA
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<400> 9

20

ugcucucuaa gggucuacuc

<210> 10

<211> 49

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 10

ggaattcgtc tcgagctctg atcaccacca tggacacgat taacatcgc

49

<210> 11

<211> 55

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 11

gactagttgg tctcgctct ttttggagg agtgtcggtc ttagcgatgt taatc

55

<210> 12

<211> 46

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 12

ggaattcgtc tcggagaaag gtaaaattct ctgacatcga actggc

46

<210> 13

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 13

gactagtgg ctcccccttag agagcatgtc agc

33

<210> 14

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 14
ggaattcgggt ctcgggtcta ctcggtgccg agg 33

<210> 15

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 15
gactagtcgt tacgcgaacg caaagtc 27

<210> 16

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 16
ggaattcgtc tctaaggtaa atataaaatt tttaag 36

<210> 17

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 17
gactagtcgt ctctgaccct aaaatacaca aacaattaga 40

<210> 18

<211> 92

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 18
ggaattcgtc tcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60
ctcctccaaa aaagagacga gaccaactag tc 92

<210> 19

<211> 92

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 19
gactagttgg gctcgctctt ttttggagg agggcggttc ttagcgatgt taatcgtgtc 60
catggtggtatgcagagctc gagacgaatt cc 92

<210> 20
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 20
ggaattcgtc gcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60
ctcctccaaa aaa 73

<210> 21
<211> 77
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 21
tctctttttt ggaggagtgt cgttcttagc gatgttaatc gtgtccatgg tggtatgcag 60
agctcgagac gaattcc 77

<210> 22
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 22
ggaattcgtc tcg 13

<210> 23
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 23
gagaaaaggta aaattctctg acatcgaact ggc 33

<210> 24
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 24
tctccgagac gaattcc 17

<210> 25
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 25
ttccatttta agagactgt a gcttgaccg 29

<210> 26
<211> 106
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 26
ggaattcgtc tcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60
ctcctccaaa aaagagaaag gtaaaattct ctgacatcga actggc 106

<210> 27
<211> 106
<212> DNA
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<220>
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<400> 27
gccagttcga tgtcagagaa ttttacctt ctcttttg gaggagtgtc gttcttagcg 60
atgttaatcg tgtccatggt ggtagtcaga gctcgagacg aattcc 106

<210> 28

<211> 50

<212> DNA

<213> Bacteriophage T7

<400> 28

atggacacgta ttaacatcgctt aagaacgac ttctctgaca tcgaactggc 50

<210> 29

<211> 50

<212> DNA

<213> Bacteriophage T7

<400> 29

gccagttcgatgtcagagaa gtcgttctta gcgtatgttta tcgtgtccat 50

<210> 30

<211> 77

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 30

atggacacgta ttaacatcgctt aagaacgac actcctccaa aaaagagaaaa ggtaaaattc 60
tctgacatcg aactggc 77

<210> 31

<211> 77

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 31

gccagttcgatgtcagagaa ttttaccttt ctcttttg gaggagtgtc gttcttagcg 60
atgttaatcg tgtccat 77

<210> 32

<211> 69

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 32

gatcatttgc ccagatctga gcctgggagc tctctggcta actaggaaac ccactgctta 60

agcctcaag 69

<210> 33
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 33
gatccttgag gcttaagcag tgggttccct agtttagccag agagctccca ggctcagatc 60
tggtctaatt 69

<210> 34
<211> 61
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 34
gatcacctta ggctctccta tggcaggaag aagcgagac agcgacgaag actcctcaa 60
g 61

<210> 35
<211> 61
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 35
gatccttgag gaggtcttcg tcgctgtctc cgcttcttcc tgccatagga gagcctaagg 60
t 61

<210> 36
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 36
gatcatagtg aatagagtta ggcaggata ctcaccatta tcgtttcaga cccacccccc 60
ag 62

<210> 37

<211> 62
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 37
gatcctggga ggtgggtctg aaacgataat ggtgagtttc cctgcctaac tctattcact 60
at 62

<210> 38
<211> 30
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 38
aatcttagagc taacaaagcc cgaaaggaag 30

<210> 39
<211> 28
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 39
ttctgcagat atagttcctc ctttcagc 28

<210> 40
<211> 70
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 40
tcgagccatg gcttaaggat ccgtacgtcc ggagctagcg ggcccatcga tactagttaa 60
atgcagatct 70

<210> 41
<211> 70
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 41
ctagagatct gcatttaact agtatcgatg ggcccgctag ctccggacgt acggatcctt 60
aagccatggc 70

<210> 42
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 42
catgaaatta attcgactca ctatacgga 29

<210> 43
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 43
gatctccgta tagtgagtgc aattaattt 29

<210> 44
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 44
gatccggatt gaggcttaag cagtggttc cctagttgc cagagagctc ccaggctcag 60
atctggtcta at 72

<210> 45
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 45
ccggattaga ccagatctga gcctgggagc tctctggcta actaggaaac ccactgctta 60
agcctcaatc cg 72

<210> 46
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 46
gatccggacc ttgaggaggt cttcgtcgct gtctccgctt cttcctgccca taggagagcc 60
taaggt 66

<210> 47
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 47
ccggaccta ggctctccta tggcaggaag aagcggagac agcgacgaag acctcctcaa 60
ggtccg 66

<210> 48
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 48
gatccggatg ggaggtgggt ctgaaacgat aatggtgagt atccctgcct aactctattc 60
actat 65

<210> 49
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 49
ccggatagtg aatagagtta ggcagggata ctcaccatta tcgtttcaga cccacctccc 60
atccg 65

<210> 50

<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 50
gatcagcatg cctgcaggc gactctagac ccgggttaccg agctcgccct atagttagtc 60
gtattat 67

<210> 51
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 51
ccggataata cgactcacta tagggcgagc tcggtaacccg ggtcttagagt cgacctgcag 60
gcatgct 67

<210> 52
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 52
tttttttttt tt 12

<210> 53
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 53
aaaaaaaaaa aaaaa 15

<210> 54
<211> 15
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 54

ttttttttt ttttt

15

<210> 55

<211> 20

<212> DNA

<213> Simian virus 40

<400> 55

gagtagaccc ttagagagca

20

<210> 56

<211> 15

<212> DNA

<213> Simian virus 40

<400> 56

gagattccat ttata

15

<210> 57

<211> 17

<212> DNA

<213> Simian virus 40

<400> 57

acataaaaaat ctaagtt

17

<210> 58

<211> 19

<212> DNA

<213> Simian virus 40

<400> 58

tataaatgga atctctcggt

19

<210> 59

<211> 19

<212> DNA

<213> Simian virus 40

<400> 59

ctcatctggg attttatgt

19

<210> 60
<211> 164
<212> DNA
<213> Homo sapiens

<400> 60
atacttacct ggcaggggag ataccatgat cacgaagggtg gtttcccag ggcgaggcct 60
atccattgca ctccggatgt gctgaccct gcgatttcgc caaatgtggg aaactcgact 120
gcataattg tggtagtgaa ggactgcgtt cgcgcttcc cctg 164

<210> 61
<211> 191
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic U1
construct with Anti-A

<400> 61
atacttacct ggcaggggag ataccatgat ccggatttag gcttaagcag tgggtccct 60
agtttagccag agagctcca ggctcagatc tggtgtaatc cggatgtgct gaccctgcg 120
atttccccaa atgtggaaa ctcgactgca taatttgagg tagtggggga ctgcgttcgc 180
gctttcccct g 191

<210> 62
<211> 181
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic U1
construct with Anti-B

<400> 62
atacttacct ggcaggggag ataccatcg accttgagga ggtttcgct gctgtctccg 60
cttcttcctg cgataggaga gcctaagggtc cggatgtgct gaccctgcg atttccccaa 120
atgtggaaa ctcgactgca taatttgagg tagtggggga ctgcgttcgc gctttcccct 180
g 181

<210> 63
<211> 178
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic U1
construct with Anti-C

<400> 63

atacttacct ggcaggggag ataccatgat aatgggaggt gggtctgaaa cgataatggt 60
gagtatccct gcctaagtct attcaactac atgtgctgac ccctgcgagt tccccaaatg 120
tgggaaactc gactgcataa tttgtggtag tggggactg cgtccgcgct ttcccctg 178